Eggsmosis Lab Report Rubric

Name: Date: Period:

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| --- | --- | --- | --- | --- |
| CATEGORY | 10 | 9,8,7 | 6,5,4 | 3,2,1 |
| Introduction | One sentence describing the entire experiment clearly and correctly. | One sentence describing the experiment overall. | One sentence that describes the experiment, but not clearly. | One sentence that describes the experiment incorrectly and unclearly. |
| Purpose | 5 definitions for: osmosis, selectively permeable membrane, isotonic, hypotonic, hypertonic | 3-4 definitions of terms | 2 definitions of terms | 1 or no definitions of terms |
| Materials | Complete description of all materials needed. |  | Description lacking certain materials needed. | Missing a majority of needed materials. |
| Results | Chart provided filled in completely with 5 observations. | Charts are completely filled, but observations are lacking in detail. | Charts are filled in for the most part, and observations are lacking in detail. | Charts are not complete or non-existent. |
| Discussion | Full description of results; what happened and why using all 5 terms within the purpose section. | Description of results lacking in detail; only uses 3-4 terms found within the purpose section | Partially describes results, but missing key terms | Missing all terms; does not describe results |

Introduction – 1 sentence describing entire experiment

Purpose – definitions of osmosis, selectively permeable membrane, isotonic, hypotonic, hypertonic

Materials: list of all items used

Results: charts completely filled in with 5 observations

Discussion: Explain what happened and why using terms in purpose